

CLAIMS

1. Installation for the manufacture of a multi-layer material, particularly for the manufacture of a material using paper webs, comprising a formation station (1) of a first paper web (8) issued from a first paper feeding station, a gluing unit (9), a second paper feeding station producing a second paper web (14) to be laid on the first paper web (8), which has been deformed in the formation station (1), by means of a pressing cylinder (15), a longitudinal cutting station (17), a transverse cutter (22) and a stacking station (29), characterized by the fact that the formation station (1) produces a structured web (2, 34), by the fact that the structured web (2, 34) comprises alveolar deformations and by the fact that the structure configuration of said structured web (2, 34), once it is covered by the second paper web (14), constitutes an assembled unit with a mechanical resistance identical in at least two directions.

2. Installation according to claim 1, characterized by the fact that the aforementioned structured web (2) is alveolarily deformed on one side (48).

3. Installation according to claim 1, characterized by the fact that the aforementioned structured web (34) is alveolarily deformed on both sides (48, 49).

4. Installation according to claim 3, characterized by the fact that the aforementioned structured web (34) alveolarily deformed on both sides (48, 49) is covered on one side (48) by said second paper web (14) and on its other side (49) by a third paper web (33) issued from a third paper feeding station.

5. Installation according to claim 1, characterized by the fact that the alveolar deformations are slightly spherically shaped and that they are laid out in a staggered arrangement.

6. Multi-layer material obtained through an installation according to one of the preceding claims, characterized by the fact that it comprises a structured web (2) alveolarily deformed on one side (48), said structured web (2) being covered on said side (48) by a paper web (14).

7. Multi-layer material obtained through an installation according to one of claims 1 to 5, characterized by the fact that it comprises a structured web (34) alveolarily deformed on both sides (48, 49), said structured web (34) being covered by a paper web (14) on one side (48) and by another paper web (33) on its other side (49).

8. Multi-layer material according to claim 7, characterized by the fact that the structured web (34), alveolarily deformed on both sides (48, 49), shows a decorative pattern.